A special journal issue was dedicated to the 4th Study Conference on BALTEX. The following 10 papers appear in Nordic Hydrology, Vol. 36, No. 4-5, 2005:


Sepp, M., P. Post, J. Jaagus: Long-term changes in the frequency of cyclones and their trajectories in Central and Northern Europe. pp. 297


Krysanova, V., F. Hattermann, A. Habeck: Expected changes in water resources availability and water quality with respect to climate change in the Elbe River basin (Germany). pp. 321-334


Arpe, K., S. Hagemann, D. Jacob, E. Roeckner: The realism of the ECHAM5 models to simulate the hydrological cycle in the Arctic and North European area. pp. 349-368

Omstedt, A., Y. Chen, K. Wesslander: A comparison between the ERA40 and the SMHI gridded meteorological databases as applied to Baltic Sea modelling. pp. 369-380

Rutgersson, A., A. Omstedt and Y. Chen: Evaluation of the heat balance components over the Baltic Sea using four gridded meteorological databases and direct observations. pp. 381-396


Kowalewska-Kalkowska, H., M. Kowalewski: Operational hydrodynamic model for forecasting extreme hydrographic events in the Oder Estuary. pp. 411-422